AMENDMENTS

CLAIMS

Please amend Claims 11 and 21 to correct typographical errors, and add new Claims 29-35 as shown in the Listing of the Claims that follows. This Listing replaces any prior listings of claims concerning the present Application.

LISTING OF THE (AMENDED) CLAIMS

1. (Original) A system for transmitting time sensitive data from at least a first node to at least a second node comprising a processor used to process at least a first time request and at least a second time request, and to generate at least a first absolute time and at least a second absolute time, respectively, for said at least a first node and said at least a second node.

2. (Original) The system of Claim 1 further comprising a NTP software program used by said processor.

3. (Original) The system of Claim 2 further comprising a memory used by said processor in running and executing said NTP software program.

4. (Original) The system of Claim 1 wherein said time sensitive data comprises voice or voice band data.

5. (Original) The system of Claim 4 wherein said voice band data comprises fax or modem data.

6. (Original) A method of transmitting time sensitive data from at least a first computing device to at least a second computing device in a telecommunication system comprising synchronizing said at least first and said at least second computing devices to an NTP server.

7. (Original) The method of Claim 6 wherein said time sensitive data comprises voice or voice band data.

8. (Original) The method of Claim 7 wherein said voice band data comprises fax or modem data.

9. (Original) The method of Claim 6 wherein said NTP server is common to said at least first and said at least second computing devices.

10. (Original) The method of Claim 6 wherein said at least first and said at least second computing devices comprise residential voice over IP gateways.

11. (Currently Amended) A method of transmitting time sensitive data from at least a first computing device to at least a second computing device in a communication system comprising:

requesting absolute time from an NTP server;

receiving said absolute time; and

inputting an adjustment parameter derived from said absolute time into a circuitry to synchronize said at least a first computing device to said at least a second computing device.

12. (Original) The method of Claim 11 wherein said time sensitive data comprises voice or voice band data.

13. (Original) The method of Claim 12 wherein said time sensitive data comprises voice or voice band data.

14. (Original) The method of Claim 13 wherein said voice band data comprises fax or modem data.

15. (Original) The method of Claim 11 wherein said at least first and at least second computing devices comprise residential voice over IP gateways.

16. (Original) The method of Claim 11 wherein said circuitry comprises a frequency oscillator.

17. (Original) The method of Claim 16 wherein said frequency oscillator comprises a numerically controlled oscillator.

18. (Original) A method of transmitting time sensitive data from at least a first computing device to at least a second computing device in a communication system comprising:

receiving absolute time requests from said at least first and at least second computing devices; and

transmitting said absolute time to said at least first and at least second computing devices; wherein said absolute time is used to synchronize said at least a first and at least a second computing devices.

19. (Original) A method of synchronizing a transmitting computing device to a receiving computing device of a packet switched telecommunication network comprising:

requesting an absolute time from an NTP server;

receiving said absolute time; and

inputting an adjustment parameter into a frequency controlling hardware of said transmitting computing device or said receiving computing device.

20. (Original) The method of Claim 19 wherein said transmitting or receiving computing devices comprise residential voice over IP gateways.

21. (Currently Amended) The method of Claim 19 further comprising storing and recalling said adjustment parameter into and from a memory of said transmitting computing device or said receiving computing device.

22. (Original) The method of Claim 21 wherein said storing occurs at a rate determined by a user.

23. (Original) The method of Claim 21 wherein said storing occurs at a rate determined by a variability of the adjustment parameter over time.

24. (Original) The method of Claim 21 wherein said recalling occurs after power cycling or power shut down.

25. (Original) The method of Claim 19 wherein said frequency controlling hardware comprises a numerically controlled oscillator.

26. (Original) A method of transmitting higher bandwidth voice band data comprising synchronizing one or more computing devices to an NTP server.

27. (Original) The method of Claim 26 wherein said higher bandwidth voice band data comprises V.90 or V.92.

28. (Original) A method of improving the signal to noise ratio of voice band data comprising synchronizing one or more computing devices to an NTP server.

29. (New) A method of synchronizing a transmitting computing device to a receiving computing device of a packet switched telecommunication network comprising:

requesting an absolute time from an NTP server;

receiving said absolute time; and

inputting an adjustment parameter into a frequency controlling hardware of said transmitting computing device or said receiving computing device, wherein said transmitting or receiving computing devices comprise residential voice over IP gateways.

30. (New) A method of synchronizing a transmitting computing device to a receiving computing device of a packet switched telecommunication network comprising:

requesting an absolute time from an NTP server;

receiving said absolute time;

inputting an adjustment parameter into a frequency controlling hardware of said transmitting computing device or said receiving computing device;

storing into said adjustment parameter from a memory of said transmitting computing device or said receiving computing device; and

recalling said adjustment parameter from a memory of said transmitting computing device or said receiving computing device.

31. (New) The method of Claim 30 wherein said storing occurs at a rate determined by a user.

32. (New) The method of Claim 30 wherein said storing occurs at a rate determined by a variability of the adjustment parameter over time.

33. (New) The method of Claim 30 wherein said recalling occurs after power cycling or power shut down.

34. (New) A method of synchronizing a transmitting computing device to a receiving computing device of a packet switched telecommunication network comprising:

requesting an absolute time from an NTP server;

receiving said absolute time; and

inputting an adjustment parameter into a frequency controlling hardware of said transmitting computing device or said receiving computing device, wherein said frequency controlling hardware comprises a numerically controlled oscillator.

35. (New) A method of transmitting time sensitive data from at least a first computing device to at least a second computing device in a telecommunication system comprising synchronizing said at least first and said at least second computing devices to an NTP server, wherein said at least first and said at least second computing devices comprise residential voice over IP gateways.